

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/RU2004/000373

## Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:  
Although claims 66-69 are directed to a diagnostic method practised on the human/animal body, the search has been carried out and based on the alleged effects of the compound.
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☒ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☒ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-65, 75-82, 84-89

Method for producing antibodies to low immunogenicity  
antigens and antibodies produced according to such method  
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2. claims: 66-74

Use of antibodies against E7 oncoprotein for the detection  
of cervical intraepithelial neoplasia and kit therefor  
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3. claim: 83

Kit for determining a subject's risk for developing  
spongiform encephalopathy  
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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/RU2004/000373

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
DE 4224542	A1	27-01-1994	NONE
JP 09132600	A	20-05-1997	JP 3174492 B2 11-06-2001
EP 0299354	A	18-01-1989	DE 3722967 A1 19-01-1989 AT 103989 T 15-04-1994 AU 616667 B2 07-11-1991 AU 1887988 A 02-02-1989 CA 1324331 C 16-11-1993 DE 3888887 D1 11-05-1994 EP 0299354 A2 18-01-1989 ES 2061566 T3 16-12-1994 JP 1061499 A 08-03-1989
WO 02092131	A	21-11-2002	US 2002192205 A1 19-12-2002 BR 0209562 A 30-03-2004 CA 2446555 A1 21-11-2002 CN 1525869 A 01-09-2004 WO 02092131 A2 21-11-2002 EP 1385554 A2 04-02-2004 HU 0400840 A2 28-07-2004 JP 2005508854 T 07-04-2005 SK 15122003 A3 05-10-2004
WO 0065357	A	02-11-2000	DE 19918141 A1 26-10-2000 AU 4297400 A 10-11-2000 BG 106021 A 28-06-2002 BR 0009843 A 13-02-2002 CA 2367696 A1 02-11-2000 CN 1347501 A 01-05-2002 CZ 20013771 A3 13-03-2002 EE 200100547 A 17-02-2003 WO 0065357 A1 02-11-2000 EP 1093585 A1 25-04-2001 HU 0200777 A2 29-06-2002 ID 30392 A 29-11-2001 JP 2002543389 T 17-12-2002 MX PA01010546 A 04-06-2002 NO 20015094 A 17-12-2001 PL 350985 A1 24-02-2003 SK 15032001 A3 05-02-2002 TR 200103011 T2 21-02-2002 US 2003129667 A1 10-07-2003 US 2003064424 A1 03-04-2003
WO 0078344	A	28-12-2000	AU 5637500 A 09-01-2001 CA 2377648 A1 28-12-2000 CN 1370078 A 18-09-2002 EP 1194164 A1 10-04-2002 JP 2003521477 T 15-07-2003 MX PA01013186 A 12-08-2002 WO 0078344 A1 28-12-2000

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## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07K16/00 C07K16/08 C07K16/44 C07K16/40 A61K39/385  
G01N33/574 G01N33/53

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07K A61K G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, BIOSIS

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DE 42 24 542 A1 (DEUTSCHES KREBSFORSCHUNGSZENTRUM STIFTUNG DES OEFFENTLICHEN RECHTS, 69) 27 January 1994 (1994-01-27)</p> <p>column 1, line 32 - line 50 column 1, line 62 - line 67 column 2, line 22 - line 36 column 2, line 41 - line 52; claims ----- -/--</p>	<p>1,3,4, 8-14,16, 17, 21-26, 34,35, 39-46, 53-55, 59-65</p>

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

19 April 2005

Date of mailing of the international search report

06 JUN 2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 1997, no. 09, 30 September 1997 (1997-09-30) & JP 09 132600 A (FUJI YAKUHI KOGYO KK), 20 May 1997 (1997-05-20) abstract	1,3,4, 8-14,16, 17, 21-25, 85,88
Y	----- EP 0 299 354 A (BEHRINGWERKE AKTIENGESELLSCHAFT) 18 January 1989 (1989-01-18)	1,3,4, 8-14,16, 17, 21-26, 33-35, 39-46, 53-55, 59-65, 75-82,84 66-74
X	the whole document	
Y	SEEDORF K ET AL: "IDENTIFICATION OF EARLY PROTEINS OF THE HUMAN PAPILLOMA VIRUSES TYPE 16 (HPV 16) AND TYPE 18 (HPV 18) IN CERVICAL CARCINOMA CELLS" EMBO JOURNAL, OXFORD UNIVERSITY PRESS, SURREY, GB, vol. 6, no. 1, 1987, pages 139-144, XP001021907 ISSN: 0261-4189	1,3,4, 8-14,16, 17, 21-26, 33-35, 39-46, 53-55, 59-65
X	the whole document	66-74
Y	----- WO 02/092131 A (BAXTER INTERNATIONAL INC; BAXTER HEALTHCARE S.A) 21 November 2002 (2002-11-21) page 3, paragraph 2 - page 4, paragraph 2 page 11, paragraph 3; examples 2-4	84
Y	----- KOLLER MICHAEL F ET AL: "Induction of antibodies against murine full-length prion protein in wild-type mice." JOURNAL OF NEUROIMMUNOLOGY, vol. 132, no. 1-2, November 2002 (2002-11), pages 113-116, XP002316821 ISSN: 0165-5728 page 113, right-hand column, paragraph 2 - page 114, left-hand column, paragraph 1 page 115, left-hand column, paragraph 3 - page 116, left-hand column, paragraph 1	75-82
X	----- WO 00/65357 A (BOEHRINGER INGELHEIM VETMEDICA) 2 November 2000 (2000-11-02) page 1, line 1 - line 11 page 7, line 28 - page 8, line 29 page 10, line 24 - page 15, line 13; claims; examples ----- -/--	83

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>WO 00/78344 A (CAPRION PHARMACEUTICALS)  28 December 2000 (2000-12-28)  page 3, line 20 - page 4, line 13  page 7, line 9 - line 16  page 31, line 14 - page 32, line 29  -----</p>	83